PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: REINER GÖTZEN

PCT NO.: PCT/DE00/04393 PCT FILED: 8 DECEMBER 2000

PRIORITY: 199 64 099.8 PRIORITY FILED: 31 DECEMBER 1999

TITLE: METHOD FOR THE PRODUCTION OF THREE-DIMENSIONALLY ARRANGED CONDUCTING AND CONNECTING STRUCTURES FOR VOLUMETRIC AND ENERGY FLOWS

**PRELIMINARY AMENDMENT**

**ATTN.: BOX PCT APPLICATION**
Ass't. Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to the initial Office Action, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

On Page 1, line 1, please insert the following paragraphs:

--CROSS REFERENCE TO RELATED APPLICATIONS

Applicant claims priority under 35 U.S.C. §119 of German Application No. 199 64 099.8, filed on December 31, 1999. Applicant also claims priority under 35 U.S.C. §120 of PCT/DE00/04393, filed on December 8, 2000. The international application under PCT article 21(2) was not published in English.--

**IN THE ABSTRACT:**

Please add the attached Abstract of the Disclosure on a separate page.

**REMARKS**

By this Preliminary Amendment, the application has been amended to conform with U.S. practice, the cross-reference to the related application has been inserted on page 1. In addition, an Abstract of the Disclosure has been added on its own separate. No new matter has been introduced.

Entry of this amendment is respectfully requested.

Respectfully submitted,

REINER GÖTZEN

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**Date of Deposit August 29, 2001**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above, and is addressed to the Ass't. Commissioner for Patents, Washington, D.C. 20231

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## ABSTRACT

The invention relates to a method for poduction of three-dimensionally arranged conducting and connecting structures for volumetric and energy flows. Various light-setting materials are used for the production of the layers. Upon exchanging the materials, those layer regions in which no setting occurred during the preceding setting process, are also filled with new material, such that, in the subsequent setting process, not only is the upper layer linked to the one lying directly beneath it, but also material of te upper layer is connected to the material of a layer lying below the penultimate layer. It is thus possible, within the layer sequence, to connect a structure with varying properties from layer to layer.